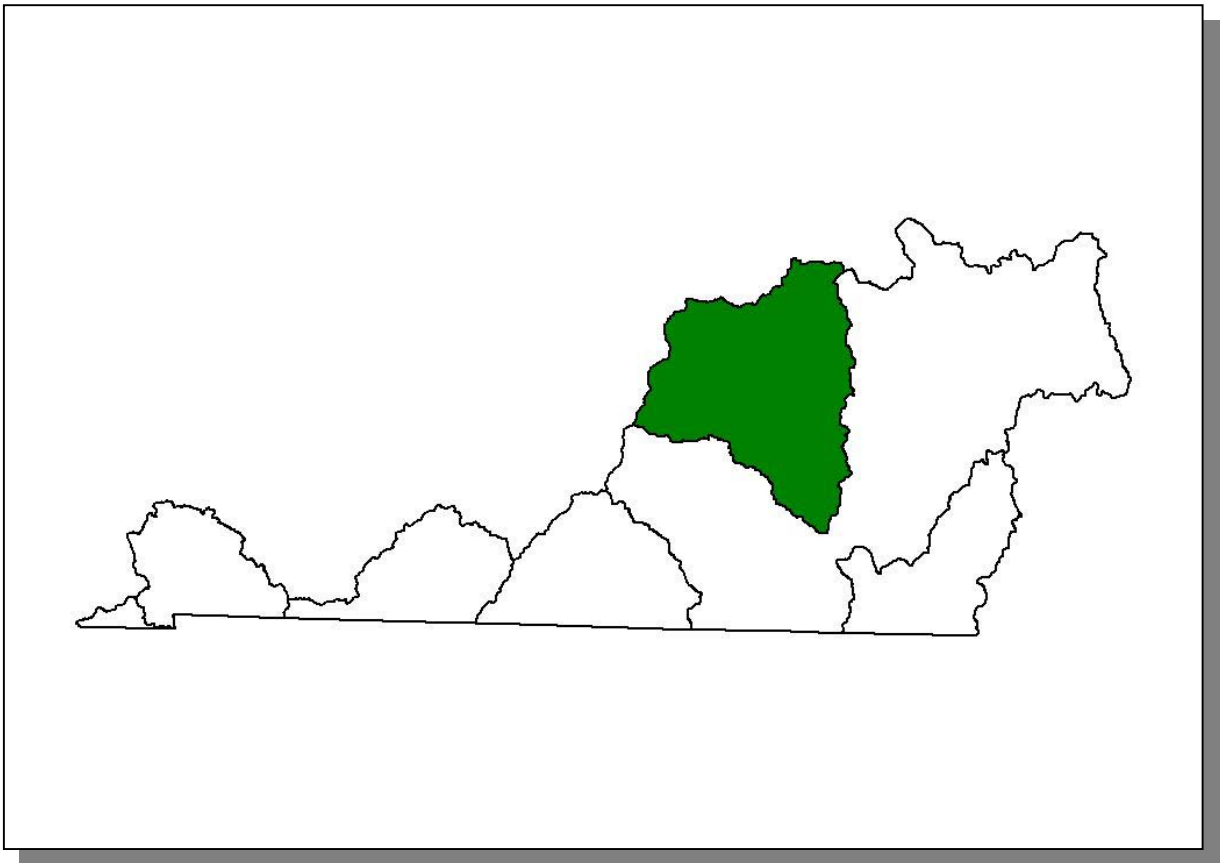
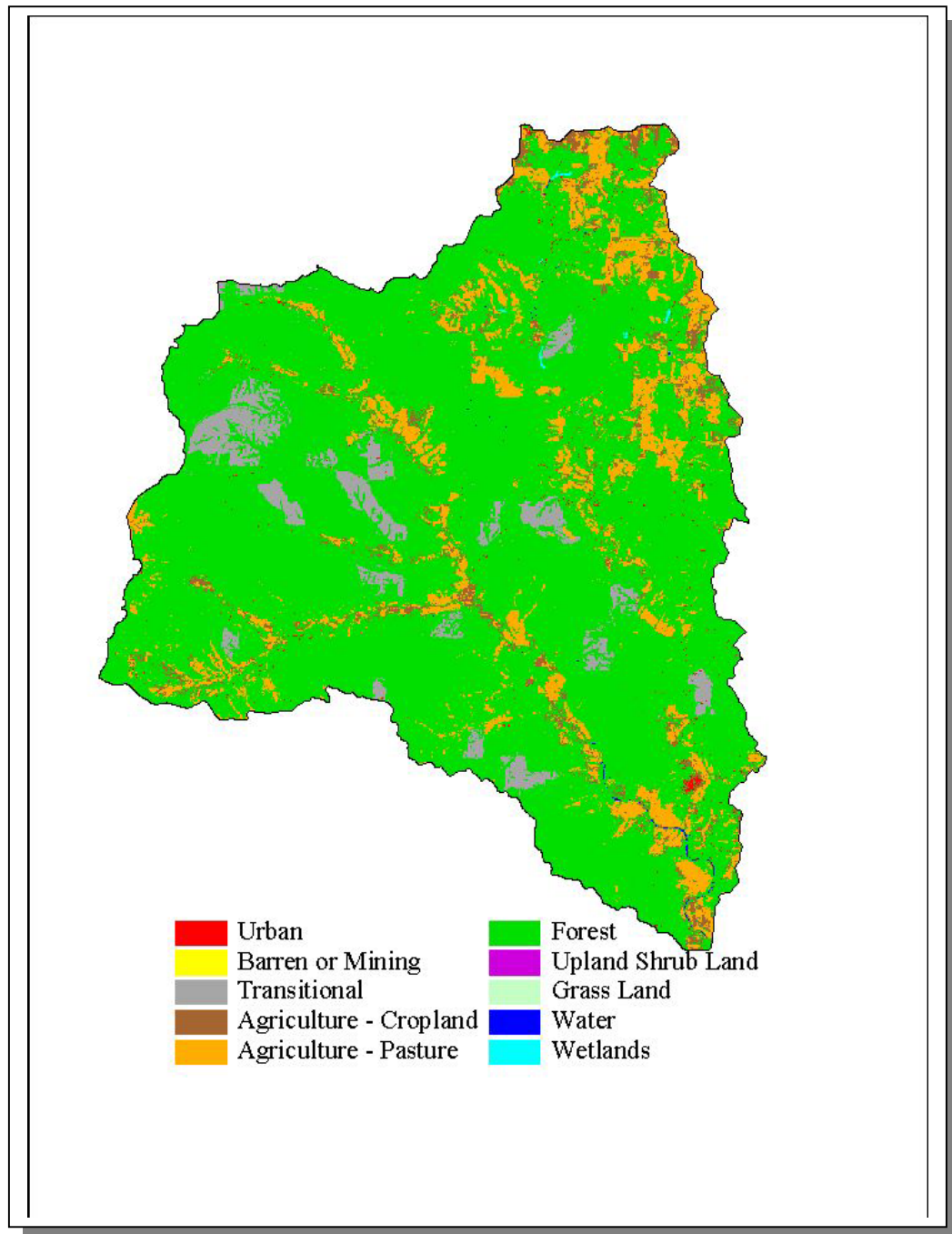


**4.2.C. 0603000504.**

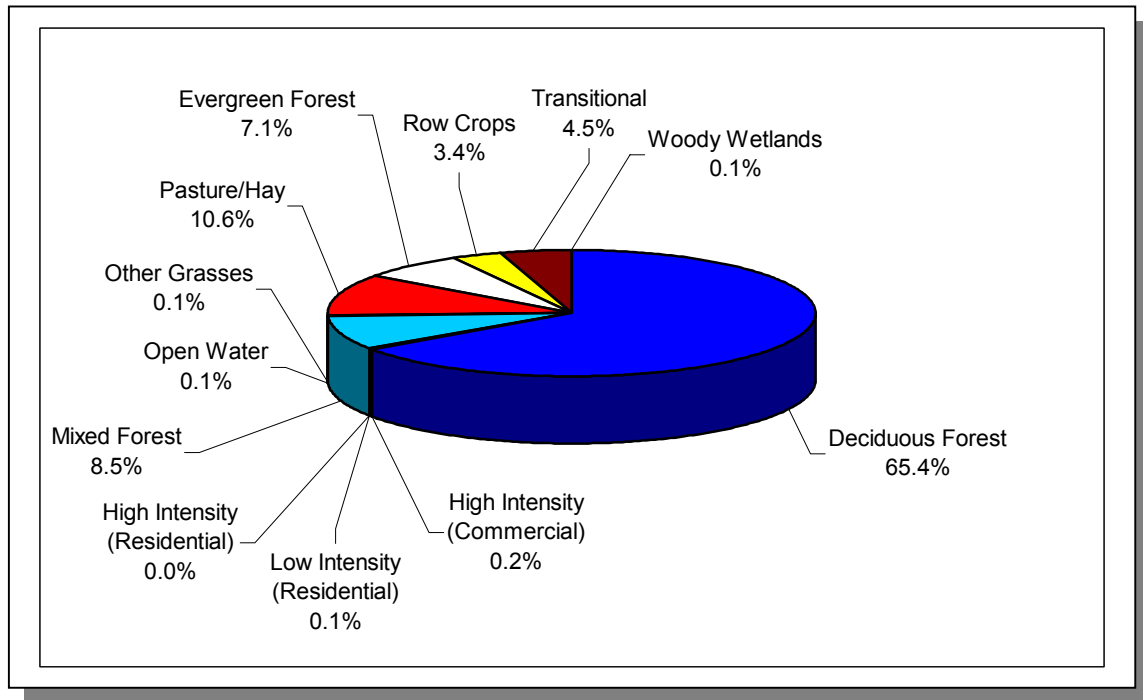


**Figure 4-21. Location of Subwatershed 0603000504.** All Pickwick HUC-10 subwatershed boundaries in Tennessee are shown for reference.

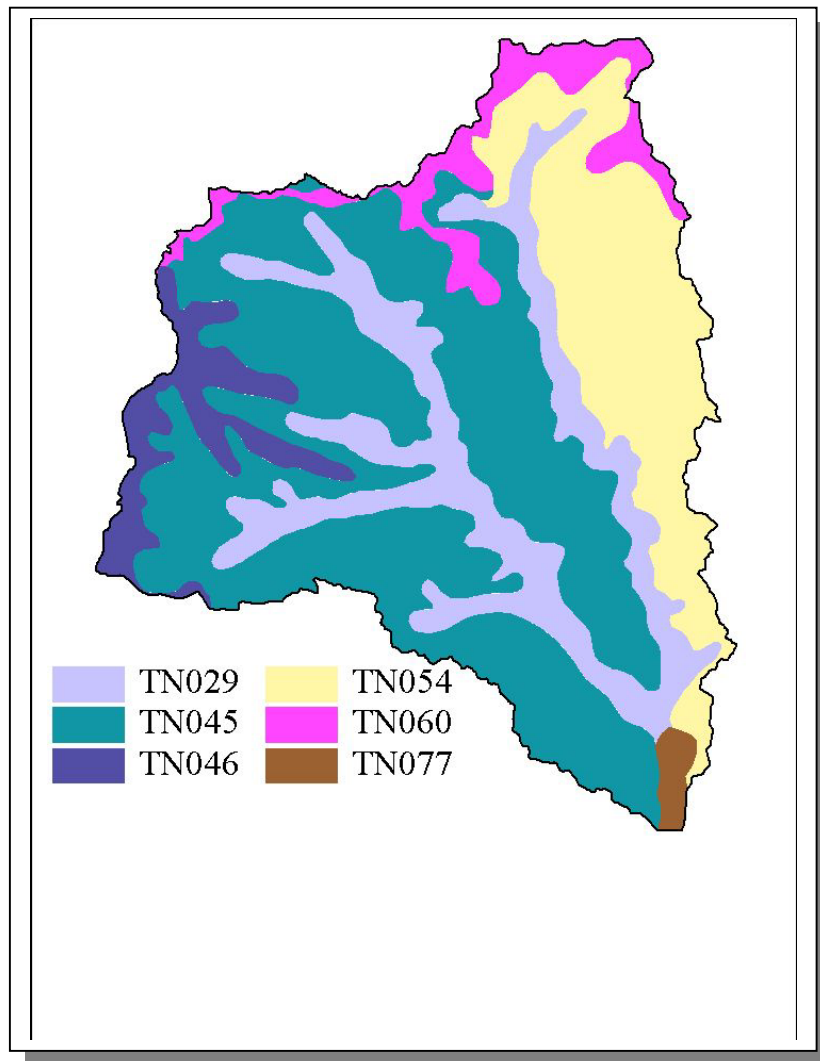
4.2.C.i. General Description.



*Figure 4-22. Illustration of Land Use Distribution in Subwatershed 0603000504.*



**Figure 4-23. Land Use Distribution in Subwatershed 0603000504.** More information is provided in Pickwick-Appendix IV.



**Figure 4-24. STATSGO (State Soil Geographic Database) Soil Map Units in Subwatershed 0603000504.**

STATSGO MAP UNIT ID	PERCENT HYDRIC	HYDROLOGIC GROUP	PERMEABILITY (in/hour)	SOIL pH	ESTIMATED SOIL TEXTURE	SOIL ERODIBILITY
TN029	8.00	C	2.96	5.40	Loam	0.33
TN045	0.00	B	1.95	5.45	Loam	0.35
TN046	0.00	B	1.98	5.09	Silty Loam	0.38
TN054	0.00	C	3.04	4.84	Loam	0.32
TN060	5.00	B	1.30	5.32	Silty Loam	0.39
TN077	4.00	C	2.16	5.03	Loam	0.34

**Table 4-14. Soil Characteristics by STATSGO (State Soil Geographic Database) Soil Map Units in Subwatershed 0603000504.** More information is provided in Pickwick-Appendix IV.

County	COUNTY POPULATION		Portion of Watershed (%)	ESTIMATED POPULATION IN WATERSHED		PERCENT CHANGE
	1990	1997 Est.		1990	1997	
Lawrence	35,303	39,095	8.65	3,052	3,380	10.7
Wayne	13,935	16,498	8.91	1,241	1,469	18.4
<b>Total</b>	<b>49,238</b>	<b>55,593</b>		<b>4,293</b>	<b>4,849</b>	<b>13.0</b>

*Table 4-15. Population Estimates in Subwatershed 0603000504.*

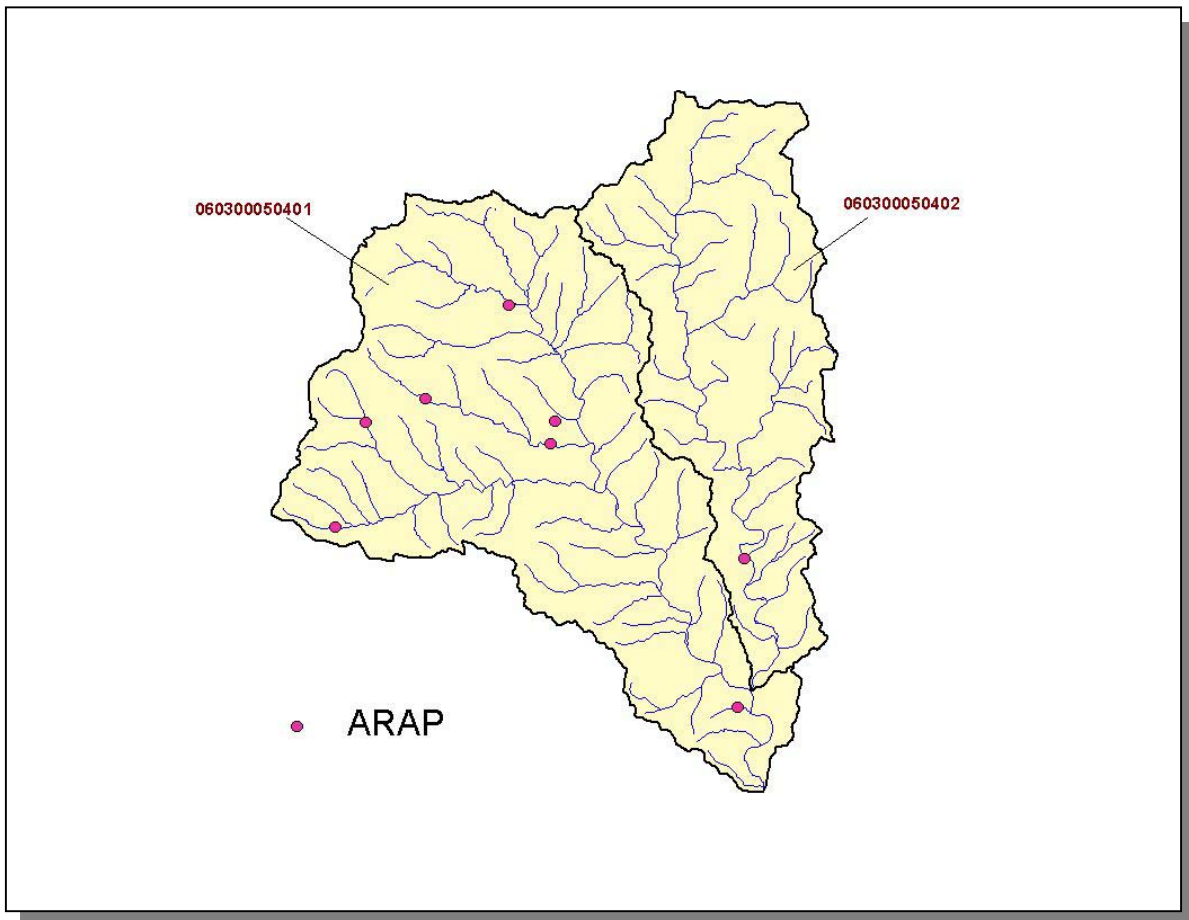
			NUMBER OF HOUSING UNITS			
Populated Place	County	Population	Total	Public Sewer	Septic Tank	Other
Collinwood	Wayne	1,104	440	31	407	2

*Table 4-16. Housing and Sewage Disposal Practices of Select Communities in Subwatershed 0603000504.*

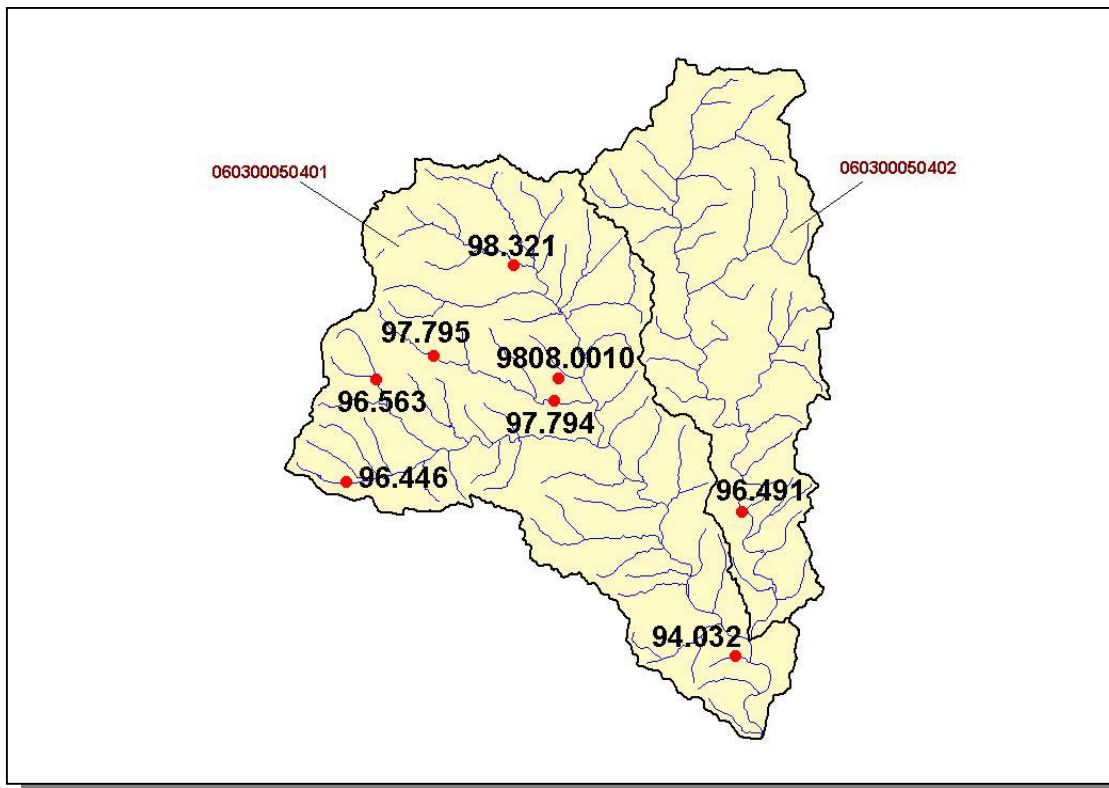


**Figure 4-25. Location of Historical Streamflow Data Collection Sites in Subwatershed 0603000504.** Subwatershed 060300050401 and 060300050402 boundaries are shown for reference. More information is provided in Pickwick-Appendix IV.

**4.2.C.ii.** Point Source Contributions.



**Figure 4-26. Location of Active Point Source Facilities in Subwatershed 0603000504.** Subwatershed 060300050401 and 060300050402 boundaries are shown for reference. More information is provided in the following figures.



**Figure 4-27. Location of ARAP Sites (Individual Permits) in Subwatershed 0603000504.** Subwatershed 060300050401 and 060300050402 boundaries are shown for reference. More information, including the names of facilities, is provided in Pickwick-Appendix IV.



**4.2.C.iii.** Nonpoint Source Contributions.

LIVESTOCK (COUNTS)						
Beef Cow	Cattle	Milk Cow	Chickens	Chickens Sold	Hogs	Sheep
2,082	3,921	137	5	3	529	17

**Table 4-17. Summary of Livestock Count Estimates in Subwatershed 0603000504.** According to the 1997 Census of Agriculture (<http://www.nass.usda.gov/census/>), "Cattle" includes heifers, heifer calves, steers, bulls and bull calves; "Chickens" are layers 20 weeks and older; "Chickens Sold" are all chickens used to produce meat.

County	INVENTORY		REMOVAL RATE	
	Forest Land (thousand acres)	Timber Land (thousand acres)	Growing Stock (million cubic feet)	Sawtimber (million board feet)
Lawrence	199.8	199.8	6.6	27.1
Wayne	372.6	372.6	14.1	41.1
<b>Totals</b>	<b>572.4</b>	<b>572.4</b>	<b>20.7</b>	<b>68.2</b>

**Table 4-18. Forest Acreage and Average Annual Removal Rates (1987-1994) in Subwatershed 0603000504.**

CROPS	TONS/ACRE/YEAR
Corn (Row Crops)	6.80
Soybeans (Row Crops)	28.85
Cotton (Row Crops)	8.07
Grass (Hayland)	0.19
Legume/Grass (Hayland)	0.64
Grass (Pastureland)	0.23
Grass, Forbs, Legumes (Mixed Pasture)	0.43
Forest Land (Grazed)	0.00
Forest Land (Not Grazed)	0.00
Wheat (Close Grown Cropland)	14.15
All Other Close Grown Cropland	1.80
Conservation Reserve Program Land	0.90
Farmsteads and Ranch Headquarters	3.40
Other Cropland not Planted	13.55
Nonagricultural Land Use	0.00

**Table 4-19. Annual Estimated Total Soil Loss in Subwatershed 0603000504.**